



July 7, 2006

**MAIL STOP PCT**

Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

PCT/JP2005/000031  
-filed January 5, 2005

Re: Application of Shoji AKATSUKA, Kouji OGAWA, Kiyoharu IMAEDA, Nobuo  
KAWAI, and Osamu SHINKAI  
GAS SENSOR PRODUCTION METHOD AND GAS SENSOR  
Assignee: NGK SPARK PLUG CO., LTD.  
Our Ref: Q89687

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application.
- ☒ eight (8) sheets of drawings (Figs. 1-9).
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ an Information Disclosure Statement and a copy of the ISR.
- ☒ Notification Concerning Submission or Transmittal of Priority Document.
- ☒ a PTO/SB/08 A & B (modified) listing the ISR references and copy of each reference cited in the ISR, and various other references.
- ☒ a Preliminary Amendment.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).



**Sughrue**

SUGHRUE MION, PLLC

10/585450

JP2005-000031 TO 07 JUL 2006

Commissioner for Patents

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The Government filing fee, after entry of the Preliminary Amendment, is calculated as follows:

|                                  |    |   |    |   |  |   |          |   |                        |
|----------------------------------|----|---|----|---|--|---|----------|---|------------------------|
| Total claims                     | 10 | - | 20 | = |  | x | \$50.00  | = | \$0.00                 |
| Independent claims               | 3  | - | 3  | = |  | x | \$200.00 | = | \$0.00                 |
| Base Fee                         |    |   |    |   |  |   |          |   | \$300.00               |
| Search Fee*                      |    |   |    |   |  |   |          |   | \$400.00               |
| Examination Fee*                 |    |   |    |   |  |   |          |   | \$200.00               |
| <b>TOTAL FILING FEE</b>          |    |   |    |   |  |   |          |   | <b>\$900.00</b>        |
| <b>Recordation of Assignment</b> |    |   |    |   |  |   |          |   | <b>\$ 40.00</b>        |
| <b><u>TOTAL FEE</u></b>          |    |   |    |   |  |   |          |   | <b><u>\$940.00</u></b> |

\* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

Checks for the statutory filing fee of \$900.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

| <u>Country</u> | <u>Application No</u> | <u>Filing Date</u> |
|----------------|-----------------------|--------------------|
| Japan          | 2004-004861           | January 9, 2004    |

Respectfully submitted,

Abraham J. Rosner  
Registration No. 33,276

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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

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